Author index

Ackermann, see van der Merwe, E., 237
Amacker, P.-A., see Favet, J., 59
Azemar, N. see Solans, C., 215
Bazin, R. see Schmidt, C., 21
Behan, J. M. Perfume interactions with sodium dodecyl sulphate solutions, 261
Blakeway, J. M. Chemical reactions in perfume ageing, 203
Boelle, A. see Kompaoré, F., 269
Bolhuis, P. A. see Kammeyer, A., 125
Bracher, M. Evaluation of an *in vitro* percutaneous model with two oxidative hair dyes, 223
Camus, C. see Schmidt, C., 21
Caudiu, H. see Schmidt, C., 21
Cheng, D. C.-H. Thixotropy, 151
Clausse, M. see Solans, C., 215
Conrads, A. A study of the interaction of sodium dodecyl sulphate with the proteins of human heel stratum corneum, 29
Duchêne, D. see Kompaoré, F., 269
Erra, P. see Solans, C., 215
Faller, C. see Bracher, M., 223
Favet, J. Etude de l'association Kathon® CG-Germall® II dans des crèmes hydrophiles, 59
Fideli, D. see Pelfini, C., 1
Forestier, J. P. Approche osmotique de la hydratation du *stratum corneum*, 279
Frey, M. L. see Blakeway, J. M., 203
Garson, J. C. see Guiolet, A., 111
Griffiths, W. see Favet, J., 59
de Groot, A. C. Adverse effects of cosmetics and toiletries: a retrospective study in the general population, 255
Guiolet, A. Study of the optical properties of human hair, 111
Harrison, L. A. Microbial degradation of cellulose polymers used in cosmetics and toiletries, 73
Her, C. see Schmidt, C., 21
Hilterhaus-Bong, S. Contributions to the chemistry of human hair. Analyses of cystine, cysteine and cystine oxides in untreated human hair, 101
Hische, E. A. see Kammeyer, A., 125
Holzner, G. see Favet, J., 59
Joshi, A. see Khanna, S. K., 137
Kammeyer, A. The spectral stability of several sunscreening agents on stratum corneum sheets, 125
Khanna, S. K. Studies on the skin uptake and efflux kinetics of N-phenyl-p-phenylenediamine: an aromatic amine intermediate, 137
Kompaoré, F. Investigation des mécanismes de liaison impliqués dans la cohésion des compacts a usage cosmétique, 269
Lacroix, S. see Blakeway, J. M., 203
van der Lende, R. see de Groot, A. C., 255
Leveque, J. L. see Guiolet, A., 111
van der Merwe, E. Physical changes in hydrated skin, 237
Nater, J. P. see de Groot, A. C., 255
Noser, F. K. see Bracher, M., 223
Parra, J. L. see Solans, C., 215
Pelfini, C. Effects of a topical preparation on some hair growth parameters, evaluated utilizing a morphometric computerized analysis, 1
Perring, K. D. see Behan, J. M., 261
Ponchel, G. see Kompaoré, F., 269
Prottey, C. Hand cleansing and skin condition. A comparison of conventional soap washing and the use of alcohol-impregnated paper cloths, 53
Pryce, N. G. see Prottey, C., 53
Rijcken, B. see van der Groot, A. C., 255
Ris, A. J. see Kammeyer, A., 125
Salerno, M. S. see Blakeway, J. M., 203
Schmidt, C. Corrélation d'une technique d'analyse d'images et d'une méthode profiométrique dans l'étude des rides de la patte d'oie, 21
Schorer, E. see Favet, J., 59
Singh, G. B. see Khanna, S. K., 137
Solans, C. Influence of microemulsion structure on cystine reactivity with keratin fibres, 215
Soudant, E. see Schmidt, C., 21
Speziali, A. see Pelfini, C., 1
Stockdale, M. A novel proposal for the assessment of sunscreen product efficacy against UVA, 85
Tewari, P. see Khanna, S. K., 137
Touraud, D. see Solans, C., 215
Vignini, M. see Pelfini, C., 1
Westerhof, W. see Kammeyer, A., 125
Wyhowski de Bukanski, B. Analysis of domiphen bromide and cetylpyridinium chloride in cosmetic products by high-performance liquid chromotography, 193
Yardley, H. J. Epidermal lipids, 13
Zahn, H. see Conrads, A., 29
Zahn, H. see Hilterhaus-Bong, S., 101

Subject index

Adverse Effects; Adverse effects of cosmetics and toiletries: a retrospective study in the general population, 255

Alcohol-impregnated Paper Towels; Hand cleansing and skin conditions of conventional soap washing and the use of alcohol-impregnated cloths, 53

Antimicrobials
Cetylpyridinium chloride, 193
Domiphen bromide, 193
Germall II, 59
Kathon CG, 59

Book Review; *The Psychology of Cosmetic Treatments*. Jean Ann Graham and Albert M. Kligman (eds), 47

Cellulose Polymers; Microbial degradation of cellulose polymers used in cosmetics and toiletries, 73

Chemical Reactions; Chemical reactions in perfume ageing, 203

Combined Preservatives; Study of the interaction of Kathon CG–Germall II in hydrophilic creams, 59

Cosmetics
Adverse effects of cosmetics and toiletries: a retrospective study of the general population, 255
Investigation of the cohesion mechanism of pressed powder compacts for cosmetic usage, 269

Epidermis; Epidermal Lipids, 13

Hair
Effects of a topical preparation on some hair growth parameters evaluated, utilizing a morphometric computerised analysis, 1
Contribution to the chemistry of human hair 1. Analysis of cystine, cysteine, and cystine oxide in untreated human hair, 101
Study of the optical properties of human hair, 111

High Performance Liquid Chromatography: HPLC; Analysis of domiphen bromide and cetyl pyridinium chloride in cosmetic products by high performance liquid chromatography, 193

Image analysis; Correlation of an image analysis technique and a proliferation method in the study of crow's foot wrinkles around the eye, 21

Keratin Proteins
Contributions to the chemistry of human hair. 1. Analysis of cystine, cysteine and cystine oxide in untreated human hair, 101
Influence of microemulsion structure on cystine reactivity with keratin fibres, 215

Letter to the Editor, 249

Measurement Technique; Thixotropy, 151

Mechanism of Cohesion; Investigation of cohesion mechanism of pressed powder compacts for cosmetic usage, 269

Medal Lecture, 49

Microbial Degradation; Microbial degradation of cellulose polymers used in cosmetics and toiletries, 73

Microemulsions; Influence of microemulsion structure on cystine reactivity with keratin fibres, 215

Morphometric Computerized Analysis; Effects of a topical preparation on some hair growth parameters, evaluated utilizing a morphometric computerised analysis, 1

N-phenyl-p-phenylenediamine; Studies on the skin uptake and efflux kinetics of N-phenyl-p-phenylenediamine: an aromatic amine, 137

Oxidative hair dyes; Evaluation of an *in vitro* percutaneous permeation model with two oxidative dyes, 223

Perfumes
Chemical reactions in perfume ageing, 203
Perfume interactions with sodium dodecyl sulphate solutions, 261

Photogoniometry; Study of the optical properties of human hair, 111

Pig Skin Permeation; Evaluation of an *in vitro* percutaneous permeation model with two oxidative hair dyes, 223

Profilometry; Correlation of an image analysis technique and of a profilometric method in the study of the wrinkles of the crow's foot wrinkles round the eye, 21

Skin
A study of the interaction of sodium dodecyl sulphate with the proteins of human stratum corneum, 29
Epidermal lipids: epidermal barrier: desquamation, 13
Hand cleansing and skin conditions. A comparison of conventional soap washing and the use of alcohol-impregnated paper cloths, 53
Physical changes in hydrated skin, 237
Studies in the skin uptake and efflux kinetics of N-phenyl-p-phenylenediamine, 137

Sodium Dodecyl Sulphate Solutions; Perfume interactions with sodium dodecyl sulphate solutions, 261

Stratum Corneum
An osmotic approach to a study of hydration of the stratum corneum, 279
Heel callus, keratins: a study of the interaction of sodium dodecyl sulphate with the proteins of human heel stratum corneum, 29
The spectral stability of several sunscreening agents on stratum corneum sheets, 125

Sunscreening Products
A novel proposal for the assessment of sunscreen product efficacy against UVA, 85
The spectral stability of several sunscreening agents on stratum corneum sheets, 125

Thixotropy; Thixotropy, physical and chemical basis, 151

UVA; A novel proposal for the assessment of sunscreen product efficacy against UVA, 85

Contents

NUMBER 1

ORIGINAL SCIENTIFIC PAPERS

1 **Effects of a topical preparation on some hair growth parameters, evaluted utilizing a morphometric computerized analysis**
C. Pelfini, D. Fideli, A. Speziali and M. Vignini

13 **Epidermal lipids**
H. J. Yardley

21 **Corrélation d'une technique d'analyse d'images et d'une méthode profiométrique dans l'étude des rides de la patte d'oie**
C. Schmidt, C. Camus, H. Caudiu, C. Her, E. Soudant et R. Bazin

29 **A study of the interaction of sodium dodecyl sulphate with the proteins of human heel stratum corneum**
A. Conrads and H. Zahn

47 **BOOK REVIEW**

49 **1987 MEDAL LECTURE**

51 **ANNOUNCEMENTS**

NUMBER 2

ORIGINAL SCIENTIFIC PAPERS

53 **Hand cleansing and skin condition. A comparison of conventional soap washing and the use of alcohol-impregnated paper cloths**
C. Prottey and N. G. Pryce

59 **Etude de l'association Kathon® CG—Germall® II dans des crèmes hydrophiles**
J. Favet, W. Griffiths, G. Holzner, P.-A. Amacker et E. Schorer

73 **Microbial degradation of cellulose polymers used in cosmetics and toiletries**
L. A. Harrison

85 **A novel proposal for the assessment of sunscreen product efficacy against UVA**
M. Stockdale

99 **ANNOUNCEMENTS**

NUMBER 3

ORIGINAL SCIENTIFIC PAPERS

101 Contributions to the chemistry of human hair. 1. Analyses of cystine, cysteine and cystine oxides in untreated human hair
S. Hilterhaus-Bong and H. Zahn

111 Study of the optical properties of human hair
A. Guiolet, J. C. Garson and J. L. Leveque

125 The spectral stability of several sunscreening agents on stratum corneum sheets
A. Kammeyer, W. Westerhof, P. A. Bolhuis, A. J. Ris and E. A. Hische

137 Studies on the skin uptake and efflux kinetics of N-phenyl-p-phenylenediamine: an aromatic amine intermediate
S. K. Khanna, P. Tewari, A. Joshi and G. B. Singh

149 ANNOUNCEMENTS

NUMBER 4

ORIGINAL SCIENTIFIC PAPER

151 Thixotropy
D.C.-H. Cheng

PROVISIONAL COMMUNICATION

193 Analysis of domiphen bromide and cetylpyridinium chloride in cosmetic products by high-performance liquid chromatography
B. Wyhowski de Bukanski

199 ANNOUNCEMENTS

NUMBER 5

ORIGINAL SCIENTIFIC PAPERS

203 Chemical reactions in perfume ageing
J. M. Blakeway, M. L. Frey, S. Lacroix and M. S. Salerno

215 Influence of microemulsion structure on cystine reactivity with keratin fibres
C. Solans, J. L. Parra, P. Erra, N. Azemar, M. Clausse and D. Touraud

223 Evaluation of an *in vitro* percutaneous permeation model with two oxidative hair dyes
M. Bracher, C. Faller and F. K. Noser

237 Physical changes in hydrated skin
E. van der Merwe and C. Ackermann

249 LETTER TO THE EDITOR

251 ANNOUNCEMENTS

NUMBER 6

ORIGINAL SCIENTIFIC PAPERS

255 Adverse effects of cosmetics and toiletries: a retrospective study in the general population
A. C. de Groot, J. P. Nater, R. van der Lende and B. Rijcken

261 Perfume interactions with sodium dodecyl sulphate solutions
J. M. Behan and K. D. Perring

269 Investigation des mécanismes de liaison impliqués dans la cohésion des compacts a usage cosmétique
F. Kompaoré, G. Ponchel, A. Boelle et D. Duchêne

279 Approche osmotique de l'hydratation du *stratum corneum*
J. P. Forestier

287 LETTER TO THE EDITOR

293 BOOK REVIEW

295 ANNOUNCEMENTS

298 ERRATUM

299 INDEX TO VOLUME 9